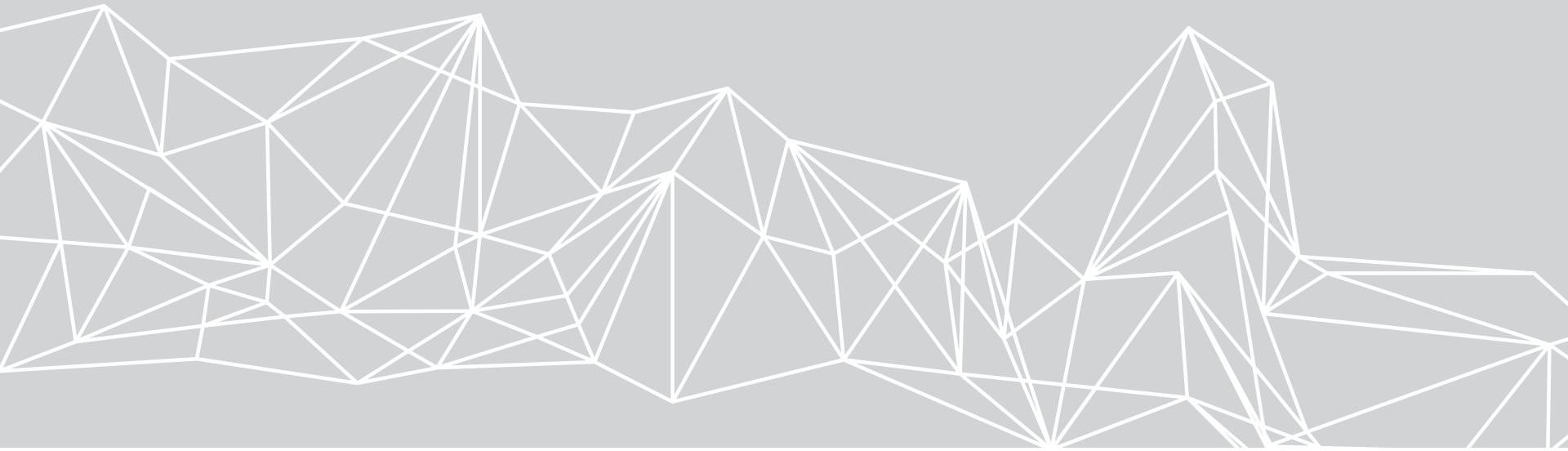


# GOVDATA – THE DATA PORTAL FOR GERMANY



Jens Klessmann, 13. April 2015

@kejan

# FOKUS COMPETENCE CENTER E-GOVERNMENT

Our vision: Cooperative  
process oriented eGovernment



... from solo to an orchestra

## ■ Service Products

- Interoperability Labs: eGovernment, Cloud/SOA, Secure eIdentity, Document-IOP, Open/Closed Source
- Standards, architectures, R&D (patents, pre-products), Consulting
- Prototype development, Pilot schemes, flagship initiatives
- Development of interoperable eGov-scenarios
- eGovernment roadmaps, technology studies

## ■ Government projects since 1995

- Federal, States, Berlin, Municipalities
- International: EU (eTEN, IST), Japan, Brasilia, ...

## ■ Competence Center ELAN since July 2004

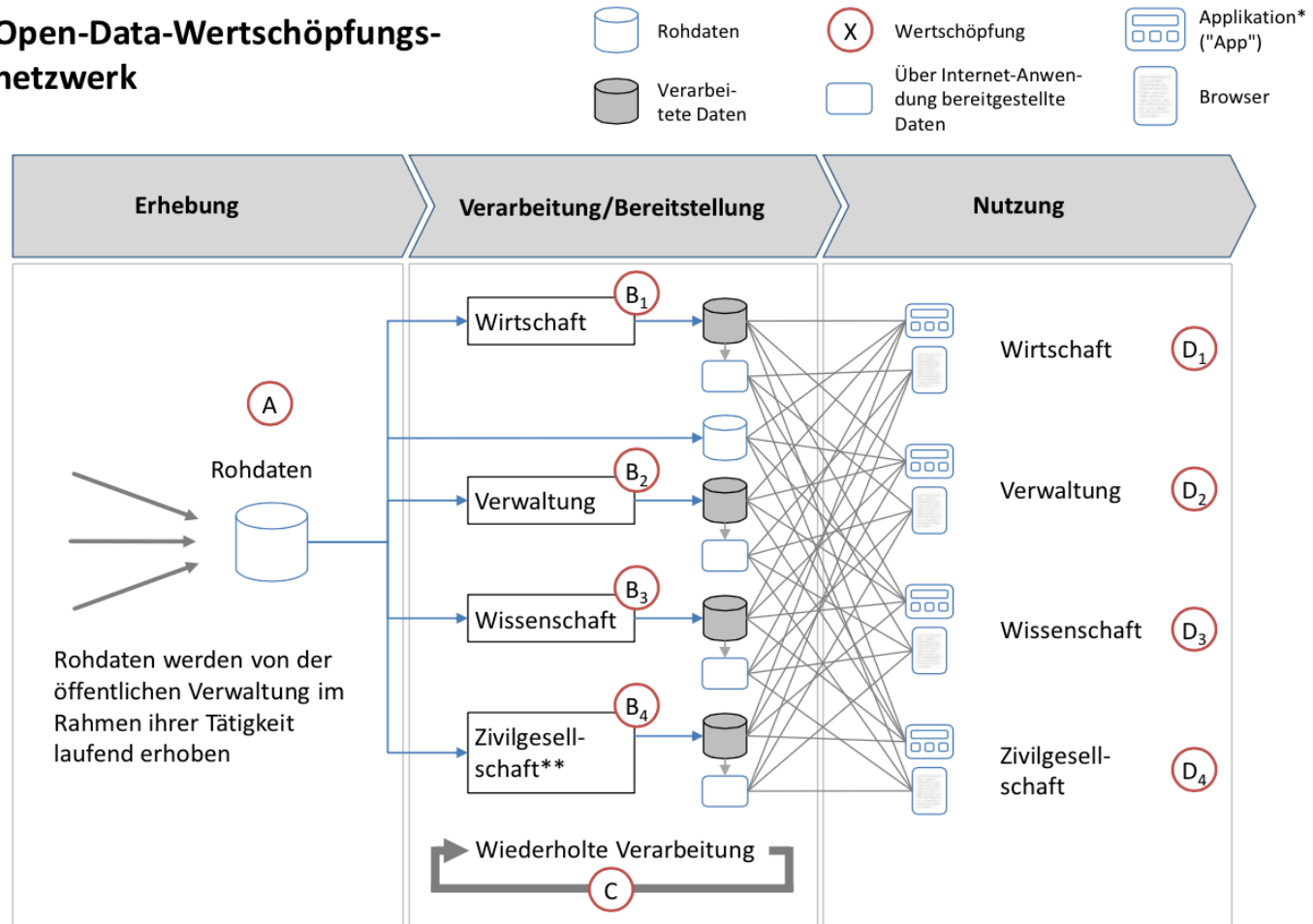
- Electronic Government and Applications
- More than 80 employees
- More than 70 partners from industry, economy and the public sector

## ■ Research & Development

- Secure eIdentity Management & Test and Demonstration Center of the new German identity card
- eGovernment Processes
- Governance Technology & High Performance Portals
- Open Service Engineering
  - Interoperability and Cloud Computing
  - Open Government & Open Data
- Public Innovation

# OPEN GOVERNMENT DATA

## Open-Data-Wertschöpfungsnetzwerk



\* Im Fall von Nutzern in der Wirtschaft, in der Verwaltung, in der Wissenschaft und bei NROs auch sinngemäß Nutzung durch datenverarbeitende Systeme

\*\* D.h. einzelne Bürger und Nichtregierungsorganisationen

# EXAMPLES OF OPEN GOVERNMENT DATA

## Live traffic information from the Highways Agency

Highways Agency

Live traffic information data showing traffic information on the strategic road network in England, maintained by the Highways Agency. Update: 12th August 2013  
Following a change of...

Transport

NII

PDF

XML

## Building Price and Cost Indices

Department for Business, Innovation and Skills

Presents quarterly price and cost indices are a basic tool of the trade to anyone involved in estimating, cost checking and fee negotiation on public sector construction works including...

Economy

NII

## English Indices of Deprivation 2010

Department for Communities and Local Government

The English Indices of Deprivation 2010 provide a relative measure of deprivation at small area level across England. Areas are ranked from least deprived to most deprived on seven...

Society

CSV

HTML

XLS

## Planned road works on the HA road network

Highways Agency

This dataset provides information on planned roadworks carried out on the Highways Agency network. Roadworks listed cover the period up to 15 days in advance from the date of publication....

Transport

XML

# EXAMPLES OF OPEN DATA PORTALS IN GERMANY

**GOVDATA** BETA  
Das Datenportal für Deutschland

Daten Dokumente Apps Neues Bibliothek Das Portal Anmelden














## Herzlich willkommen

Auf GovData, dem Datenportal für Deutschland sind Daten aller Verwaltungsebenen zentral zugänglich. Bis 2014 soll das Portal testweise betrieben und dabei schrittweise ausgebaut und optimiert werden. Aktuelle Infos und Ähnliches finden Sie im Bereich "Neues", dem Blog von GovData.

Suchen Sie hier nach Daten, Dokumenten und Apps. Suchen Sie hier nach Portalinhalten.

Nach Datensätzen, Dokumenten und Apps suchen Suche in Neues, Bibliothek und Portal

### Stöbern Sie in diesen Kategorien durch Daten, Dokumente und Apps

 Bevölkerung (1364)	 Bildung und Wissenschaft (1990)	 Geographie, Geologie und Geobasisdaten (3130)	 Gesetze und Justiz (29)	 Gesundheit (638)	 Infrastruktur, Bauen und Wohnen (2462)	 Kultur, Freizeit, Sport und Tourismus (101)
 Öffentliche Verwaltung, Haushalt und Steuern (377)	 Politik und Wahlen (119)	 Soziales (498)	 Transport und Verkehr (468)	 Umwelt und Klima (979)	 Verbraucherschutz (454)	 Wirtschaft und Arbeit (1595)

### Neueste Datensätze

- Bebauungsplan Othmarschen 3 Hamburg
- Umlandwanderungen nach Herkunfts- bz...

### Neueste Dokumente

- Organigramm FB gesamt; Stand 01.10.2013
- Senatsdokumente Arbeit, Integration ...

### Neueste Apps

- Open Data Portal - Hamburg
- Sponsoringbericht der BWVI - 2. Hj...

**FRANKFURT.de**

## Offene Daten Frankfurt

Datensätze Organisationen Gruppen

Nutzungsbedingungen | Glossar | Suche | FAQ | Links | Login | Registrieren

Suchen

Startseite Datensätze

Beliebte

Willkommen in Frankfurt  
Dezernat  
Sie werden entgeg...

Preisverleihung "GIS an Sch...

Datensätze finden

Stadt Köln | OFFENE DATEN KÖLN

Start Daten Beteiligte Blog Daten anfragen Anwendungen

NEUE DATEN

GEO INFORMATION SYSTEM

DATEN SUCHE

KONZEPT ZUR INTERNETSTADT  
Ziele - Strukturen - Zusammenarbeit - Unterstützung

ERGEBNISSE OPENDATA Wettbewerb

OFFENE DATEN FÜR KÖLN  
Was bedeutet das

AKTUELLE BLOGEINTRÄGE

Dienstag, 23. September 2014 - 11:08 von Stadt Köln

**AWB**

Neuer Datenbereitsteller, neue Daten. Offene Daten der AWB

NEUESTE DATENSÄTZE

Monitoring Offene Daten Koeln

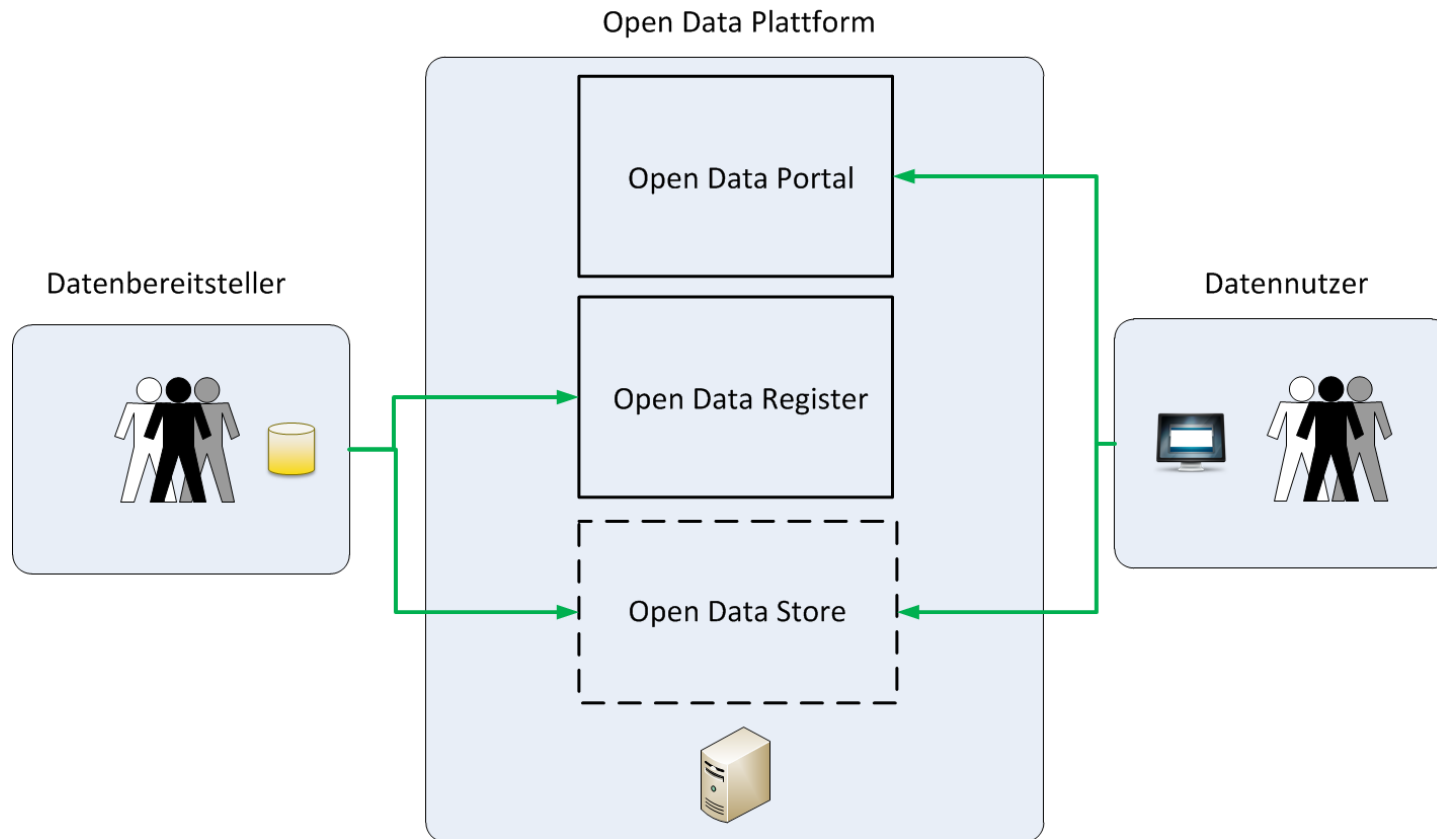
Innerhalb dieses Datensatzes werden monatlich Monitoring Informationen des Portals <http://www.offenedaten-koeln.de> zur Verfügung gestellt.

Neuen Kommentar schreiben

Gebäudewirtschaft der Stadt Köln Jahresbericht

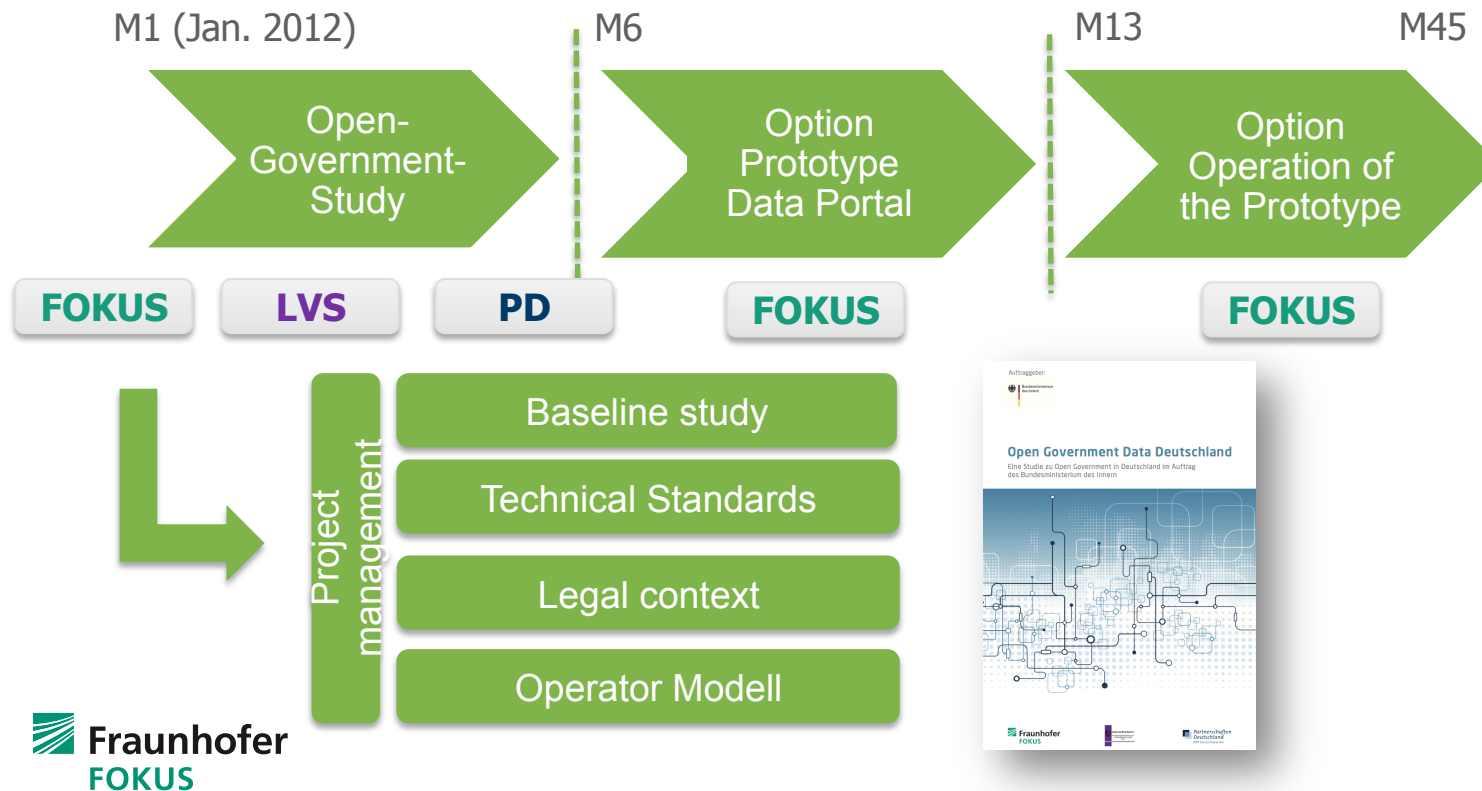
# COMPONENTS OF AN OPEN DATA PLATTFORM

... birds eye view



# GOVDATA – ON BEHALF OF THE GERMAN INTERIOR MINISTRY

- Part of the project „Open Government“ of the federal program „Connected & Transparent Public Administration“
- Cooperation with the steering project „Open Government“ of the National IT planning committee



# GOVDATA – THE DATA PORTAL FOR GERMANY

The national portal offers:

- Coherent access to re-usable data from the federal, state and local level in Germany
- Additionally documents and apps can also be published via GovData
- Search functionalities allow for finding relevant data sets
- Distinct descriptions allow users to easily tell whether a data set is e.g. under open licences, who the data provider is or in which data formats the data is accessible
- Data providers can publish open and restricted data via GovData
- Participation of data providers is voluntary





# ARCHITECTURE OF GOVDATA

## Data catalog – data providers

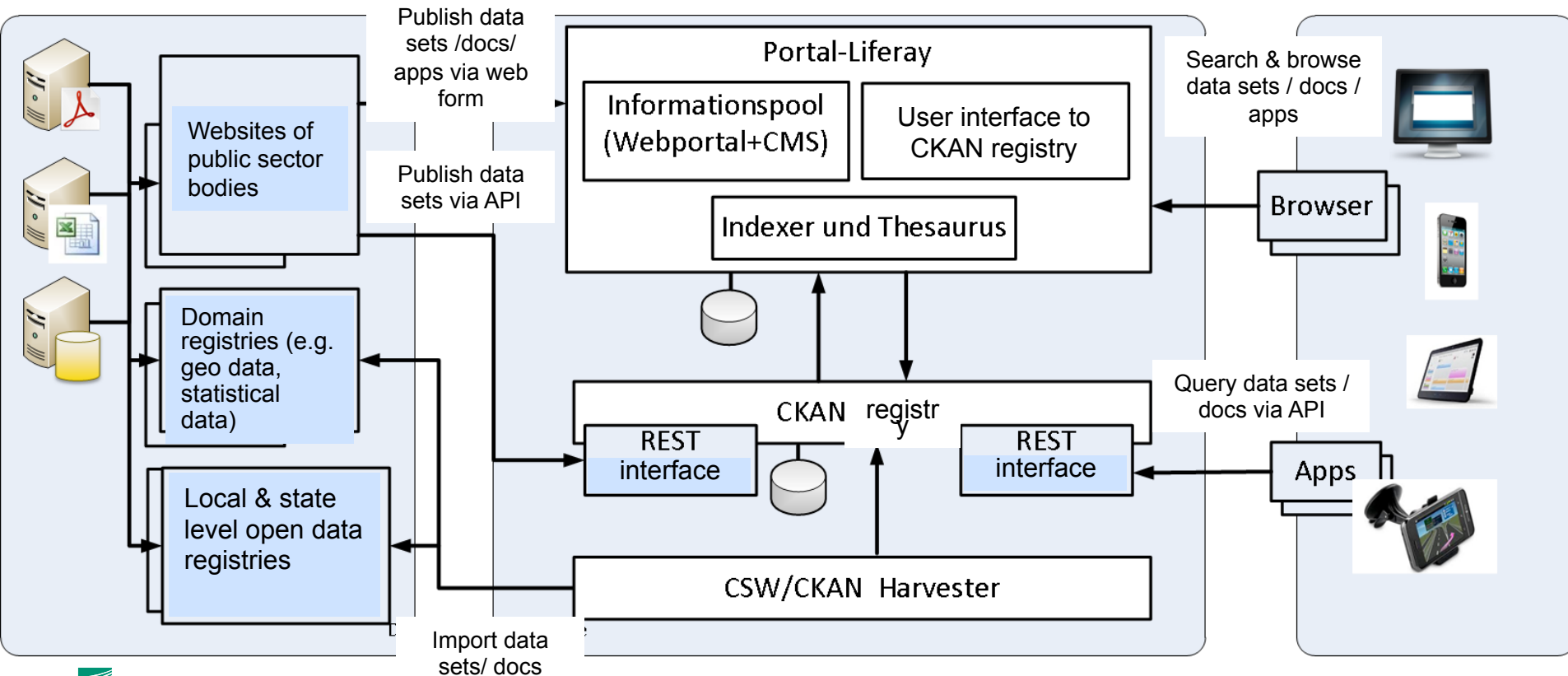
Public sector bodies and domain registries



**GOVDATA**

Das Datenportal für Deutschland

End users and application developers

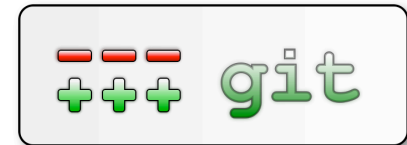


# HARVESTING & DATA PROVISION

- Great heterogeneity among data providers:
- 4 options for data providers
  - Harvesting/Mining via CSW/ISO19115 (Geo data catalog, PortalU, destatis)
  - Harvesting CKAN/JSON (Berlin, Hamburg, Bremen)
  - Active provision via REST-API (Bayern)
  - Alternative: Manual registering
- 1 Meta data structure (JSON, CKAN-compatible)

# METADATA STRUCTURE OF GOVDATA

- Continuous development of meta data structure
  - Especially reference to original meta data and original catalog
  - Definition of categories
  - Current version accessible via <https://github.com/fraunhoferfokus/ogd-metadata>
- Transparent, cooperative maintenance via version control:
  - Change requests can be published easily
  - History is documented
  - Current status is always visible
- Small changes, especially in lists are presumable



# DATA LICENCE GERMANY – DATENZULIZENZ DEUTSCHLAND

- The federal-state-level working group „Open Government“ developed standard use regulations for the provision and usage of data.
- Version 1.0 was published January 2013, Version 2.0 in July 2014
  - **Datenlizenz Deutschland – Attribution – Version 2.0**
    - **Open usage regulation**
    - Condition of attribution
    - <https://www.govdata.de/dl-de/by-2-0>
  - **Datenlizenz Deutschland – Zero – Version 2.0**
    - Non-conditional licence
    - <https://www.govdata.de/dl-de/zero-2-0>

# CONTACT

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